


FORMOSA CHEMICALS & FIBRE CORPORATION
TAIRILITE[®] PC Resin

Property	Unit	Test Method	Test Condition	High Transparency
				AC2916
Tensile Strength	kg/cm ² (MPa)	ASTM D-638	23 °C	620 (61)
Flexural Strength	kg/cm ² (MPa)	ASTM D-790	23 °C	1,050 (104)
Flexural Modulus	kg/cm ² (MPa)	ASTM D-790	23 °C	22,200 (2,180)
Rockwell Hardness	R-scale	ASTM D-785	23 °C	122
Izod Impact Strength	kg-cm/cm (J/m)	ASTM D-256	23 °C 1/8" bar	50 (490)
Heat Deflection Temperature	°C	ASTM D-648	Unannealed 18.6 kg/cm ² (1.8MPa) 1/8" bar	126
Melt Flow Index	g/10 min	ASTM D-1238	300°C × 1.2kg	35
Specific Gravity		ASTM D-792	23°C/23°C	1.2
Molding Shrinkage	%	ASTM D-955	3.2mm	0.5~0.7
Transmission	%	ASTM D-1003	Thickness (1.0mm)	>90
Haze	%	ASTM D-1003	Thickness (1.0mm)	<1.0
Flammability		UL-94	File No. E162823	1.0mm V-2 2.0mm V-2 3.0mm V-2 All Color
Characteristics	High Transparency, Mid-high flow.			

All tests were run under laboratory conditions, ASTM, ISO testing procedures. The data are intended as a general guide only.

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